ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ,
ಬೃ.ಬೆ.ನ.ಪಾ. ಬೆಂಗಳೂರು.

ಇಲಾಖೆ .....

ಫೈಲ್ ಸಂಖ್ಯೆ AEE (Kodigehalli

20 22 - 20 22

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Maintenance & Repairs of Borewells & Providing pipeline in Ward No. 08, Kodigehalli

Borewell Work Log Book

ಹಿಂದಿನ ಆಧಾರಗಳು	ಮುಂದಿನ ಆಧಾರಗಳು
	008-22-000001 W.O. No. 46/21-22 7.3.22.

BRUHAT BANGALORE MAHANAGARA PALIKE

09/03/2022

Byatarayanapura Division, Kodigehalli Sub Division, Date:

Location: 8th cross, Kannagamma Devastana Road, Devinagar

Name of Work: Maintainance and repairs of borewells and providing pipeline in ward No. 08, Kodigehalli

Sl.No.	Approved Qty.	Description	Unit	Used	Balance
1	6	A) Rewinding Lifting of Submersible pump set as per Specification and direction	Each	1	5
2	6	Transportation of pumping machineries	Each	1	5
3	6	Labour charges (over hauling)	Each	1	5
4	2	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. D. Rewinding of motor of 10.0 HP	Each	-	-
5	4	E. Rewinding of motor of 12.5 HP	Each	1	3
6	6	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1	5
7	6	Rotor (with one year Guarantee)	Each	1	5
8	6	Upper Flange	Each	1	5
9	6	Lower Flange	Each	1	5
10	6	Upper Housing	Each	1	5
11	6	Lower Housing	Each	1	5
12	6	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad.	Each	1	5
13	6	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1	5
14	6	Oil Seal Steel bush	Each	1	5
15	180	Guide vane	Each	30	150
16	180	Impeller Shell moulded with aluminium Bronze)	Each	30	150
17	6	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1	5
18	6	Steel bush (D.O steel bush)	Each	1	5
19	6	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1	5
20	6	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each		
21	6	Cable Guard	Each	1	5
22	6	Brass Filter	Each	5	5
23	6	Re-erection charges of pumping machineries including overhauling and pointing	Each	1	5
24	2	Other Parts Providing non-return valve 50 mm	No	-	-
25	10	Providing Gate Valve 50 mm	No	2	8
26	150	Submersible Cable 1x3x6.0 Sq.mm	M	150	0
27	3	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.,	Each	1	2
28	12	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. . 40mm dia GI pipe	Mtr	2	10
29	5	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. . 16Sqmm	No	1	4
30	3	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia.	No	1	2
31	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32 Amps	No	3	15
32	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1	3
33	151200	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqm	-	151200
34					
35	615	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe around to a depth Not less than 15cm with grave or selected earth avalabile from the excavation Etc., 75 mm dia 6 KSC PVC pipe	Rmtr	Refer MB Book	
36					

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

21/3/22

Byatarayanapura Division, Kodigehalli Sub Division, Date:

Location ② 3rd main Road, Jalahalli

Name of Work: Maintainance and repairs of borewells and providing pipeline in ward No. 08, Kodigehalli

Sl.No.	Approved Qty.	Description	Unit	Used	Balance
1	6	A) Rewinding Lifting of Submersible pump set as per Specification and direction	Each	1	4
2	6	Transportation of pumping machineries	Each	1	4
3	6	Labour charges (over hauling)	Each	1	4
4	2	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. D. Rewinding of motor of 10.0 HP	Each	1	1
5	4	E. Rewinding of motor of 12.5 HP	Each	–	–
6	6	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1	4
7	6	Rotor (with one year Guarantee)	Each	1	4
8	6	Upper Flange	Each	1	4
9	6	Lower Flange	Each	1	4
10	6	Upper Housing	Each	1	4
11	6	Lower Housing	Each	1	4
12	6	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad.	Each	1	4
13	6	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1	4
14	6	Oil Seal Steel bush	Each	1	4
15	180	Guide vane	Each	80	180
16	180	Impeller Shell moulded with aluminium Bronze)	Each	30	180
17	6	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1	4
18	6	Steel bush (D.O steel bush)	Each	1	4
19	6	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1	4
20	6	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1	4
21	6	Cable Guard	Each	1	4
22	6	Brass Filter	Each	1	4
23	6	Re-erection charges of pumping machineries including overhauling and pointing	Each	1	4
24	2	Other Parts Providing non-return valve 50 mm	No	1	1
25	10	Providing Gate Valve 50 mm	No	2	6
26	150	Submersible Cable 1x3x6.0 Sq.mm	M	–	–
27	3	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.,	Each	1	1
28	12	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. . 40mm dia GI pipe	Mtr	2	8
29	5	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. . 16Sqmm	No	1	3
30	3	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	1	1
31	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32 Amps	No	3	12
32	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1	2
33	151200	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqm	151200	0
34					
35	615	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., 75 mm dia 6 KSC PVC pipe	Rmtr	Rfv MS Box	
36					

Assistant Executive Engineer
Kodigehalli Sub Division

04/04/2022

BRUHAT BANGALORE MAHANAGARA PALIKE

Byatarayanapura Division, Kodigehalli Sub Division, Date:

Location (3) 4th cross, Shantinikethan School Road.

Name of Work: Maintainance and repairs of borewells and providing pipeline in ward No. 08, Kodigehalli

Sl.No.	Approved Qty.	Description	Unit	Used	Balance
1	6	A) Rewinding Lifting of Submersible pump set as per Specification and direction	Each	1	3
2	6	Transportation of pumping machineries	Each	1	3
3	6	Labour charges (over hauling)	Each	1	3
4	2	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. D. Rewinding of motor of 10.0 HP	Each	1	0
5	4	E. Rewinding of motor of 12.5 HP	Each	-	-
6	6	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1	3
7	6	Rotor (with one year Guarantee)	Each	1	3
8	6	Upper Flange	Each	1	3
9	6	Lower Flange	Each	1	3
10	6	Upper Housing	Each	1	3
11	6	Lower Housing	Each	1	3
12	6	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad.	Each	1	3
13	6	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1	3
14	6	Oil Seal Steel bush	Each	1	3
15	180	Guide vane	Each	30	90
16	180	Impeller Shell moulded with aluminium Bronze)	Each	30	90
17	6	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1	3
18	6	Steel bush (D.O steel bush)	Each	1	3
19	6	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1	3
20	6	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1	3
21	6	Cable Guard	Each	1	3
22	6	Brass Filter	Each	1	3
23	6	Re-erection charges of pumping machineries including overhauling and pointing	Each	1	3
24	2	Other Parts Providing non-return valve 50 mm	No	1	0
25	10	Providing Gate Valve 50 mm	No	2	4
26	150	Submersible Cable 1x3x6.0 Sq.mm	M	-	-
27	3	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.,	Each	1	0
28	12	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. . 40mm dia GI pipe	Mtr	2	6
29	5	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. . 16Sqmm	No	1	2
30	3	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia.	No	1	0
31	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32 Amps	No	3	9
32	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	-	2
33	151200	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqm	-	-
34					
35	615	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalaible from the execavation Etc., 75 mm dia 6 KSC PVC pipe	Rmtr		
36					

Assistant Executive Engineer
Kodigehalli Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

22/04/22

Byatarayanapura Division, Kodigehalli Sub Division, Date:

Location (4) 5th Cross, Shantiniketan school Road.

Name of Work: Maintainance and repairs of borewells and providing pipeline in ward No. 08, Kodigehalli

Sl.No.	Approved Qty.	Description	Unit	Used	Balance
1	6	A) Rewinding Lifting of Submersible pump set as per Specification and direction	Each	1	2
2	6	Transportation of pumping machineries	Each	1	2
3	6	Labour charges (over hauling)	Each	1	2
4	2	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. D. Rewinding of motor of 10 0 HP	Each	–	–
5	4	E. Rewinding of motor of 12.5 HP	Each	1	2
6	6	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1	2
7	6	Rotor (with one year Guarantee)	Each	1	2
8	6	Upper Flange	Each	1	2
9	6	Lower Flange	Each	1	2
10	6	Upper Housing	Each	1	2
11	6	Lower Housing	Each	1	2
12	6	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad.	Each	1	2
13	6	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1	2
14	6	Oil Seal Steel bush	Each	1	2
15	180	Guide vane	Each	30	60
16	180	Impeller Shell moulded with aluminium Bronze)	Each	30	60
17	6	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1	2
18	6	Steel bush (D.O steel bush)	Each	1	2
19	6	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1	2
20	6	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1	2
21	6	Cable Guard	Each	1	2
22	6	Brass Filter	Each	1	2
23	6	Re-erection charges of pumping machineries including overhauling and pointing	Each	1	2
24	2	Other Parts Providing non-return valve 50 mm	No	–	–
25	10	Providing Gate Valve 50 mm	No	1	3
26	150	Submersible Cable 1x3x6.0 Sq.mm	M	–	–
27	3	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.,	Each	–	–
28	12	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. . 40mm dia GI pipe	Mtr	2	4
29	5	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. . 16Sqmm	No	1	1
30	3	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	–	–
31	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32 Amps	No	3	6
32	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1	1
33	151200	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqm	–	–
34					
35	615	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., 75 mm dia 6 KSC PVC pipe	Rmtr		
36					

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

05/05/22

Byatarayanapura Division, Kodigehalli Sub Division, Date:

Location (5) Huli, R.M.V Second Stage

Name of Work: **Maintainance and repairs of borewells and providing pipeline in ward No. 08, Kodigehalli**

Sl.No.	Approved Qty.	Description	Unit	Used	Balance
1	6	A) Rewinding Lifting of Submersible pump set as per Specification and direction	Each	1	1
2	6	Transportation of pumping machineries	Each	1	1
3	6	Labour charges (over hauling)	Each	1	1
4	2	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. D. Rewinding of motor of 10.0 HP	Each	–	–
5	4	E. Rewinding of motor of 12.5 HP	Each	1	1
6	6	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1	1
7	6	Rotor (with one year Guarantee)	Each	1	1
8	6	Upper Flange	Each	1	1
9	6	Lower Flange	Each	1	1
10	6	Upper Housing	Each	1	1
11	6	Lower Housing	Each	1	1
12	6	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad.	Each	1	1
13	6	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1	1
14	6	Oil Seal Steel bush	Each	1	1
15	180	Guide vane	Each	30	30
16	180	Impeller Shell moulded with aluminium Bronze)	Each	30	30
17	6	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1	1
18	6	Steel bush (D.O steel bush)	Each	1	1
19	6	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1	1
20	6	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1	1
21	6	Cable Guard	Each	1	1
22	6	Brass Filter	Each	1	1
23	6	Re-erection charges of pumping machineries including overhauling and pointing	Each	1	1
24	2	Other Parts Providing non-return valve 50 mm	No	–	–
25	10	Providing Gate Valve 50 mm	No	2	1
26	150	Submersible Cable 1x3x6.0 Sq.mm	M	–	–
27	3	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.,	Each	–	–
28	12	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. . 40mm dia GI pipe	Mtr	2	2
29	5	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. . 16Sqmm	No	1	0
30	3	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	–	–
31	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32 Amps	No	3	3
32	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	–	1
33	151200	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqm	–	–
34					
35	615	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth available from the execavation Etc., 75 mm dia 6 KSC PVC pipe	Rmtr		
36					

Assistant Executive Engineer
Kodigehalli Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Byatarayanapura Division,Kodigehalli Sub Division, Date: 25/06/2022

Location: ⑥ & ⑦ BDAS, Munireddy Layout

Name of Work:Maintainance and repairs of borewells and providing pipeline in ward No. 08, Kodigehalli

Sl.No.	Approved qty.	Description	Unit	Used	Balance
		A) Rewinding			
1	6	Lifting of Submersible pump set as per Specification and direction	Each	1	0
2	6	Transportation of pumping machineries	Each	1	0
3	6	Labour charges (over hauling)	Each	1	0
4	2	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. D. Rewinding of motor of 10.0 HP	Each	-	-
5	4	E. Rewinding of motor of 12.5 HP			
		B) Replacement of Motor Parts:			
6	6	Starter 5 HP (with one year Guarantee)	Each	1	0
7	6	Rotor (with one year Guarantee)	Each	1	0
8	6	Upper Flange	Each	1	0
9	6	Lower Flange	Each	1	0
10	6	Upper Housing	Each	1	0
11	6	Lower Housing	Each	1	0
12	6	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad.	Each	1	0
13	6	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1	0
14	6	Oil Seal Steel bush	Each	1	0
15	180	Guide vane	Each	1	0
16	180	Impeller Shell moulded with aluminium Bronze)	Each	30	0
17	6	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	30	0
18	6	Steel bush (D.O steel bush)	Each	1	0
19	6	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1	0
20	6	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1	0
21	6	Cable Guard	Each	1	0
22	6	Brass Filter	Each	1	0
23	6	Re-erection charges of pumping machineries including overhauling and pointing	Each	1	0
24	2	Other Parts Providing non-return valve 50 mm	No	-	-
25	10	Providing Gate Valve 50 mm	No	1	0
26	150	Submersible Cable 1x3x6.0 Sq.mm	M	-	-
27	3	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.,	Each	-	-
28	12	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. . 40mm dia GI pipe	Mtr	2	0
29	5	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. . 16Sqmm	No	-	-
30	3	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia.	No	-	-
31	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32 Amps	No	3	0
32	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1	0
151200		Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqm	-	-
815		Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the excavation Etc. 75 mm dia 6 KSC PVC pipe	Rmtr		

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore